

Abstract

Title: Improvements in and Relating to Imaging

A method of imaging light from a specimen in which excitation light passes to the specimen via a scanning system and light emitted by luminescence of the specimen passes in another direction via the scanning system to an image capture device having a sensor having discrete spatially distinct light sensitive regions. The scanning system is operated to scan the whole of an area of interest of the specimen, and the excitation light and/or the image capture device are controlled so that light emitted from the specimen is only incident on the image capture device sensor for a specific time period equal to that required for scanning the whole of the area of interest n time. The scanning system is a confocal system. Apparatus is provided for performing the method to produce a video signal for creating an image in a display device or for processing and analysis by a computer.